

Notice of Allowability

Application N .

10/684,077

Examiner

Nguyen T Ha

Applicant(s)

URSO ET AL.

Art Unit

2831

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/09/2003 and 11/03/20003.
2. ☒ The allowed claim(s) is/are 1-24.
3. ☒ The drawings filed on 09 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachments

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>1003</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-24 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claims 1-8, the prior art alone or in combination does not teach the limitation of an assembly for providing an electrode for an electrical energy storage device comprising: at least one planar sifting screen supported by a conduit generally normal to the longitudinal axis thereof and spaced vertically over a current collector and the first conduit end, wherein the conduit provides for an electrode active material introduced in to the conduit end to fall through the conduit, through the at least one sifting screen and onto the current collector as a generally uniform layer thereon.

With respect to claims 9-21, the prior art alone or in combination does not teach the limitation of a method for providing an electrode for an electrical energy storage device comprising the steps of: positioning the conduit in flow communication with the platform openings and a current collector with the first conduit end adjacent to the current collector and the second conduit end spaced vertically above the first conduit end, wherein the conduit includes at least one planar sifting screen oriented normal to the longitudinal axis of the conduit and spaced vertically above the current collector and the first conduit end.

With respect to claims 22-24, the prior art alone or in combination does not teach the limitation of an assembly for providing an electrode for an electrical energy storage device comprising: at least one sifting screen supported by the conduit, the sifting

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screen spaced above a current collector and the first conduit end, wherein the conduit provides for an electrode active material introduced into the second conduit end to fall through the conduit, through the at least one sifting screen and onto the current collector as a generally uniform layer thereon.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation Relevant of Prior Art

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Kim et al. disclose an electric energy storage device and method for manufacturing the same.

b. Rouillard et al. disclose thermal management system and method for a solid-state energy-storing device.

c. Patel et al. disclose an energy storage device with electromagnetic interference shield.

d. Davis et al. disclose an electrical energy storage device having a porous organic electrode.

e. Yen et al. disclose high energy density and high power density ultracapacitors and super-capacitors.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen T Ha whose telephone number is 571-272-1974. The examiner can normally be reached on Monday-Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on 571-272-2800 ext. 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nguyen T. Ha
May 27, 2004


DEAN A. REICHARD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800